

## **METHOD AND APPARATUS FOR GENERATING INPUT SIGNALS IN A PHYSICAL SYSTEM**

### ABSTRACT OF THE DISCLOSURE

A method and apparatus for controlling a physical system responsive to an input to produce a selected output comprises defining a virtual identity system that includes the physical system for receiving the input to provide an actual output. A quality of identity of the virtual identity system is checked using at least a function of the actual output. In a preferred embodiment, adjustments are made to a model of the physical system as a function the quality of identity in order to render the correct input more efficiently and accurately.

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